



Data Request Form

To obtain data from the European Vegetation Archive (EVA), please first make an enquiry to the EVA database administrator Iлона Knollová (ikuzel@sci.muni.cz) whether the data meeting your needs are available. If they are, please fill in the form below and submit it to Iлона or another member of the EVA Coordinating Board.

- Applicant's name:

Corrado Marcenò

- Applicant's institutional address:

Department of Botany and Zoology, Faculty of Science Masaryk University, Brno, Czech Republic

- Applicant's e-mail:

marcenocorrado@libero.it

- Project title:

Syntaxonomic revision of the European heathlands (*Calluno-Ulicetea*)

- Brief description of aims and methods of the study:

This project is an extension of the project previously submitted by Juan Antonio Campos and Idoia Biurrun (no. 33 - 2016-03-16 Diversity and syntaxonomic revision of the European Atlantic heathlands, *Calluno-Ulicetea*). The first aim is the syntaxonomic revision of the class *Calluno-Ulicetea* in Europe (in contrast, the original project focused on this class only in the Atlantic and Subatlantic part of Europe). The classification will be done using a combination of TWINSPAN analysis and Expert System. Based on the results obtained, we would propose a new syntaxonomic framework of the entire class in Europe, also showing the relationship of the plant communities to climate using ordination analysis.

Ultimate this first part, we are planning to prepare another research on communities and phylogenetic diversity of *Calluno-Ulicetea* in Europe.

- Will someone else be involved in data editing or analysis in addition to the applicant?

Juan Antonio Campos, Idoia Biurrun, Javier Loidi, Mercedes Herrera, Itziar García-Mijangos, Borja Jimenéz-Alfaro and Milan Chytrý

- Estimated time of delivery of results (e.g. manuscript submission):

April 2020

- Geographic area needed (e.g. countries or range of geographic coordinates):

All European countries in which *Calluno-Ulicetea* communities are distributed including Morocco and excluding Turkey and Russia, except the countries for which the data were already provided in the previous project no. 33.



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- Do you need plots to be georeferenced? If so, what is the minimum accuracy of plot location (in metres or kilometres) needed for your project?

Yes, 10 Km

- Vegetation types needed (syntaxa):

Calluno-Ulicetea and EUNIS types S11, S22, S23, S24, S31, S33, S34, S41, S42, S43

- Other data selection criteria:

We provide an Expert System for data selection created specifically for this project.

- Envisaged publications:

1-3 papers in international journals

- Plant trait data from the TRY consortium. If you plan to combine your analysis of vegetation-plot data with plant trait data, you can also request for a dataset of 18 gap-filled traits for a large number of plant taxa prepared by the TRY consortium. These traits include Leaf area, Specific leaf area, Leaf fresh mass, Leaf dry matter content, Leaf C, Leaf N, Leaf P, Leaf N per area, Leaf N:P ratio, Leaf delta15N, Seed mass, Seed length, Seed number per reproductive unit, Dispersal unit length, Plant height, Stem specific density, Stem conduit density, and Conduit element length. This dataset can be provided to you from the EVA manager together with the vegetation-plot data. If you use this dataset, you must inform about your project the TRY data contributors who might be potentially interested and invite them as potential co-authors, assuming they will make an intellectual contribution to your paper. The list of the TRY data contributors will be sent to you together with the gap-filled trait dataset.

No

- Specification of the co-authorship arrangements in publications based on the requested data. Note that the EVA Rules recommend that co-authorship is offered to a representative of each database providing data that are particularly important for the project (e.g. unique vegetation types, under-represented geographic areas) or make up more than 10% of the final dataset (5% threshold can be considered too). These database representatives should be experts in the topic of the project (they do not need to be the custodians or deputy custodians) and they should contribute to the project more than just by providing the existing data, e.g. by intellectual contribution to the concept of the paper, preparation of new data, or helping with data analysis, interpretation of the results or writing parts of the paper (see the IAVS Code of Professional Ethics: <http://iavs.org/Governance/Code-of-Professional-Ethics.aspx>). The project leader should enable active participation by regularly informing potential co-authors about the progress of the project from its early stage. The project leader should also make final co-authorship arrangements based on the real input of the individual contributors.

Corrado Marcenò will be the lead author of the planned publications. Co-authorship will be offered to a representative of each database that is represented by at least 5% of relevés included in the final analysis (i.e. after stratified selection from the basic data sets) or fewer if they are from vegetation types or regions with general lack of data. Further, persons with significant contribution to data analysis or providers or analysts of other data (e.g. bioclimatic data) may be involved as co-authors.

- Eligibility of the applicant to receive EVA data. Specify to which EVA database the applicant has contributed; if the applicant is not the custodian or deputy custodian of an EVA database, give a name of a custodian or deputy custodian who supports this data request.

EU-00-016 - Mediterranean Ammophiletea database



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I agree with the terms of EVA Data Property and Governance Rules as approved on 26 May 2012 (<http://euroveg.org/download/eva-rules.pdf>).

If I ask for the plant trait data from TRY, I agree to invite to my project the TRY data contributors following the list received from the EVA database manager.

Brno, 07/10/2019

Corrado Marcenò